

Prof. Dr. Ergül BERBER

1. Kavaklı, R. K., Antmen, A. B., Okan, V., Şahin, F., Aytaç Eyüpoğlu, Ş. S., Balkan, M. C., **Berber, E.**, Zülfikar, O. B. (2022). Gene therapy in haemophilia literature review and regional perspectives for Turkey. *Therapeutic Advances in Hematology*, 13, 1–17.
2. **Berber, E.**, Yalçın Çapan, Ö., & Yılmaz, M. T. (2020). Whole exome sequencing reveals novel candidate gene variants for MODY. *Clinica Chimica Acta*, 510, 97–104.
3. **Berber, E.**, Çolakoğlu Özkaya, Ş., Bayhan, T., Tavil, E. B., Yılmaz Keskin, E., Gümrük, F., ... Aytaç Eyüpoğlu, Ş. S. (2018). Molecular genetic analysis of FXI gene in 14 Turkish FXI deficiency patients identification of novel and recurrent mutations and inheritance of the mutations within the family. *Blood Transfusion*, 16(1), 105–113.
4. Ş. Çolakoğlu Özkaya, G. Güllü Amuran, **E. Berber**, M. Sargin, And A. Karabay Korkmaz, “Exploring the role of miRNAs in the diagnosis of MODY3 ,” *Turkish Journal Of Medical Sciences*, vol. 48, no. 3, pp. 620–626, Jan. 2018.
5. **Berber, E.**, Özbil, M., Brown, C., Başlar, Z., Çağlayan, S. H., & Lillicrap, D. (2017). Functional Characterization of the Type 1 VWD candidate VWF gene variants p M771I p L881R and p P1413L. *Blood Transfusion*, 15(6), 548–556.
6. **Berber, E.**, Oymak, Y., Baltaci, O. F., Diz-Kucukkaya, R., Zulfikar, B. O., & Kavaklı, K. (2015). Identification of novel vwf gene mutations in the Turkish type 2 VWD patient population. *JOURNAL OF THROMBOSIS AND HAEMOSTASIS*.
7. **Berber, E.**, James, P. D., Hough, C., & Lillicrap, D. (2009). An assessment of the pathogenic significance of the R924Q von Willebrand factor substitution. *Journal of Thrombosis and Haemostasis*, 7(10), 1672-1679.
8. Kılıç, S. Ç., İcağasıoğlu, F. D., Güven, A. S., & **Berber, E.** (2014). Spontaneous thrombosis in a patient with factor XI deficiency homozygous for the p. Cys398Tyr mutation. *Blood Transfusion*, 12(3), 446.

9. **Berber, E.** (2011). Molecular characterization of FXI deficiency. *Clinical and Applied Thrombosis/Hemostasis*, 17(1), 27-32.
10. O'Brien, L. A., James, P. D., Othman, M., **Berber, E.**, Cameron, C., Notley, C. R., ... & Association of Hemophilia Clinic Directors of Canada. (2003). Founder von Willebrand factor haplotype associated with type 1 von Willebrand disease. *Blood*, 102(2), 549-557.
11. **Berber, E.**, Leggo, J., Brown, C., Gallo, N., Feilotter, H., & Lillicrap, D. (2006). DNA microarray analysis for the detection of mutations in hemophilia A. *Journal of Thrombosis and Haemostasis*, 4(8), 1756-1762.
12. Büyükpınarbaşılı, Y., **Berber, E.**, Zülfikar, H., Bezgal, F., Kılıçaslan, Ş., Bali, F., ... & Zülfikar, B. (2014). Organisational design of non-governmental organisations related to hemophilia: An example from Turkey. *Haemophilia*.
13. Kılıç, S. Ç., İcağasıoğlu, F. D., Güven, A. S., & **Berber, E.** (2014). Spontaneous thrombosis in a patient with factor XI deficiency homozygous for the p. Cys398Tyr mutation. *Blood Transfusion*, 12(3), 446.
14. Hough, C., Cuthbert, C. D., Notley, C., Brown, C., Hegadorn, C., Berber, E., & Lillicrap, D. (2005). Cell type-specific regulation of von Willebrand factor expression by the E4BP4 transcriptional repressor. *Blood*, 105(4), 1531-1539.
15. Oymak, Y., Dodurga, Y., Turedi, A., Yaman, Y., Ozek, G., Carti, O., **Berber, E.**... & Vergin, C. (2012). Higher expression of the novel gene upregulated gene 4 in two acute lymphoblastic leukemia patients with poor prednisolone response. *Acta Haematologica*, 128(2), 73-76.
16. **Berber, E.** (2012). The molecular genetics of von Willebrand disease. *Turkish Journal of Haematology*, 29(4), 313.
17. **Berber, E.**, Rimoldi, V., Usluer, S., Aksu, S., Pekcelen, Y., Çağlayan, S. H., & Duga, S. (2010). Characterization of the genetic basis of FXI deficiency in two Turkish patients. *Haemophilia*, 16(3), 564-566.
18. **Berber, E.**, Fidancı, I. D., Un, C. E. M. A. L., EL-MAARRI, O., Aktuglu, G., Gurgey, A. Y. T. E. M. İ. Z., ... & Caglayan, H. (2006). Sequencing of

the factor 8 (F8) coding regions in 10 Turkish hemophilia A patients reveals three novel pathological mutations, and one rediagnosis of von Willebrand's disease type 2N. *Haemophilia*, 12(4), 398-400.

19. Usluer, S., **Berber, E.**, Caglayan, S., Pekcelen, Y., & Unuvar, A. (2008, July). Establishment of high resolution melting analysis for VWF gene mutation scanning in Turkish patients. In *HAEMOPHILIA* (Vol. 14, pp. 70-70). COMMERCE PLACE, 350 MAIN ST, MALDEN 02148, MA USA: WILEY-BLACKWELL.
20. **Berber, E.**, Dagdemir, A., Pehlevan, F., Akin, M., Kavakli, K., & Caglayan, H. S. (2009). Presence of a Common Haplotype in the Turkish VWD Patients.
21. **Berber, E.**, Timur, A. A., & Caglayan, S. H. (1998, January). A silent mutation in a individual heterozygous for FV Leiden mutation. In *European Journal Of Human Genetics* (Vol. 6, Pp. 138-138). Hounds Mills, Basingstoke RG21 6xs, Hampshire, England: Stockton Press.
22. Usluer, S., **Berber, E.**, Caolayan, S., Pekcelen, Y., & Aksu, S. (2008). Autosomal dominant inheritance of FXI deficiency in two Turkish patients. *HAEMOPHILIA*, 14.
23. **Berber, E.**, Brown, C., İncekara, K., Baslar, Z., Caglayan, H., & Lillicrap, D. (2012). Functional Characterization of the Type 1 VWD Candidate VWF Gene Variants: P. M771I, p. L881R, p. P1413L, and p. Q1475X. *Blood*, 120(21), 97.

Dr. Öğretim Üyesi Gözde YÜZBAŞIOĞLU

1. Yılmaz, S., Maraklı, S., **Yüzbaşıoğlu, G.**, & Gözükirmizi, N. (2018). Short-term mutagenicity test by using IRAP molecular marker in rice grown under herbicide treatment. *Biotechnology & Biotechnological Equipment*, 32, 0–0.
2. **Yüzbaşıoğlu, G.**, Maraklı, S., & Gözükirmizi, N. (2017). Screening of *Oryza sativa* L for Hpt Gene and Evaluation of Hpt Positive Samples Using Houba Retransposon-Based IRAP Markers. *Turkish Journal of Agricultural Research (TUTAD)*, 0–0.

3. Yalçın, S., Ünver Alçay, A., **Yüzbaşıoğlu, G.**, Çakmak Sancar, B., & Sağlam, A. (2017). A Study on Prevalence of Escherichia coli O157 with a Verified Method in Foods. Turkish Science and Technology Publishing (TURSTEP), 5, 0–0.
4. **Yüzbaşıoğlu, G.**, Yılmaz, S., And Gözükirmizi, N. 2016. Houba retrotransposon-based molecular markers a tool for variation analysis in rice. The Scientific and Technological Research Council of Turkey (TUBITAK-ULAKBIM) - DIGITAL COMMONS JOURNALS 40, 0–0.
5. **Yüzbaşıoğlu, G.**, Yılmaz, S., Maraklı, S., & Gözükirmizi, N. (2016). Analysis of Hopi Osr27 and Houba Tos5 Osrl3retrotransposons in rice. Informa UK Limited, 30, 0–0..
6. Sezer, F., **Yüzbaşıoğlu, G.**, Özbilen, A., & Taşkın, K. M. (2016). Genome-wide identification and expression analysis of SWI1 genes in *Boechera* species. Elsevier BV, 62, 0–0.

Dr. Öğretim Üyesi Ramazan UYAR

1. Uyar, R. (2022). Glioblastoma microenvironment: The stromal interactions. Pathology-Research and Practice, 232, 153813.
2. Zhao, D., Zhang, H., Uyar, R., Hossain, J. A., Miletic, H., Tonn, J.-C., ... Kaelin, R. E. (2021). Comparing Tumor Cell Invasion and Myeloid Cell Composition in Compatible Primary and Relapsing Glioblastoma. MDPI AG, 13(14), 0–0.

Dr. Öğretim Üyesi Şenel TEKE TUNÇEL

1. Teke Tunçel, Ş., Demir, İ., Erdem, S., & Doğan, H. İ. (2023). Stable hemiaminals from axially chiral pyridine compounds. Chirality, 0–0.

2. **Teke Tunçel, Ş., & Doğan, H. İ.** (2020). Synthesis of thiazol-2-imines from the reduction of single enantiomer 2-imino-thiazolidin-4-ones followed by a spontaneous water elimination. *Chirality*, 0–0.
3. Erol Günal, Ş., **Teke Tunçel, Ş., & Doğan, H. İ.** (2020). Enantiodiscrimination of carboxylic acids using single enantiomer thioureas as chiral solvating agents. *Tetrahedron*, 0–0.
4. **Teke Tunçel, Ş.,** Erol Günal, Ş., Ekizoğlu, M., Gökhan Kelekçi, N., Erdem, S., Bulak, F. E., ... Doğan, H. İ. (2019). Thioureas and their cyclized derivatives Synthesis conformational analysis and antimicrobial evaluation. *Journal of Molecular Structure*, 0–0.
5. Erol Günal, Ş., **Teke Tunçel, Ş.,** Gökhan Kelekçi, N., Uçar, G., Yüce Dursun, B., Erdem, S., & Doğan, H. İ. (2018). Asymmetric synthesis molecular modeling and biological evaluation of 5-methyl-3-aryloxazolidine-2 4-dione enantiomers as monoamine oxidase MAO inhibitors. *Bioorganic Chemistry*, 0–0.

Dr. Öğretim Üyesi Abdullahi İbrahim UBA

1. Acquaviva, A., Cristina Di Simone, S., Nilofar, N., Bouyahya, A., ZENGİN, G., Recinella, L., **A. I. Uba**, ... Chiavaroli, A. (2023). Screening for Chemical Characterization and Pharmacological Properties of Different Extracts from *Nepeta italicica*. *Plants*, 12(15), 1–17.
2. M. C. Baloğlu, L. Y. Yıldız Özer, B. Pirci, G. Zengin, **A. I. Uba**, And Y. Çelik Altunoğlu, “Evaluation of the Potential Therapeutic Properties of Liquidambar orientalis Oil,” *Chemistry and Biodiversity*, pp. 0–0, Sep. 2023.
3. E. I. E. Ibrahim, S. Yagi, T. Tzanova, H. Schohn, **A. I. UBA**, and G. ZENGİN, “Chemical profile antiproliferative and antibacterial activities and docking studies of essential oil and hexane fraction of hydrosol from fresh leaf of *Plectranthus amboinicus* Lour Spreng ,” *Biochemical Systematics and Ecology*, vol. 107, pp. 1–5, Apr. 2023.
4. Kurt-Celep, İ., ZENGİN, G., **UBA, A. I.**, Caprioli, G., Mustafa, A. M., Angeloni, S., ... Mahomoodally, M. F. (2023). Unravelling the chemical

profile antioxidant enzyme inhibitory cytotoxic potential of different extracts from *Astragalus caraganae*. Archiv Der Pharmazie, 356(9), 1–19.

5. Acquaviva, A., Nilofar, N., Bouyahya, A., ZENGİN, G., Di Simone, S. C., Recinella, L., **UBA, A. I.**, ... Chiavaroli, A. (2023). Chemical characterization of different extracts from *Artemisia annua* and their antioxidant enzyme inhibitory and anti inflammatory properties. Chemistry & Biodiversity - Wiley, 20(8), 1–8.
6. Kurt-Celep, I., Zengin, G., Celep, E., Dall'Acqua, S., Sut, S., Ferrase, I., **UBA, A. I.**, ... & Mahomoodally, M. F. (2023). A multifunctional key to open a new window on the path to natural resources-lessons from a study on chemical composition and biological capability of *Paeonia mascula* L. from Turkey. Food Bioscience, 51, 102194.
7. Chiavaroli, A., Libero, M. L., Di Simone, S. C., Acquaviva, A., Nilofar, N., Recinella, L., **UBA, A. I.**, ... Ferrante, C. (2023). Adding New Scientific Evidences on the Pharmaceutical Properties of *Pelargonium quercetorum* Agnew Extracts by Using In Vitro and In Silico Approaches. Plants, 12(5), 1–22.
8. Lazarova, I., ZENGİN, G., Piatti, D., **UBA, A. I.**, Sagratini, G., Caprioli, G., ... Venanzoni, R. (2023). Appraisals on the chemical characterization and biological potentials of *Ranunculus constantinopolitanus* extracts using chromatographic computational and molecular network approaches. Food and Chemical Toxicology, 181, 1–18.
9. Fahmy, N. M., Fayed, S., **UBA, A. I.**, Shariati, M. A., Aljohani, A. S., El-Ashmawy, I. M., ... ZENGİN, G. (2023). Comparative GC-MS Analysis of Fresh and Dried Curcuma Essential Oils with Insights into Their Antioxidant and Enzyme Inhibitory Activities. Plants, 12(9), 1–17.
10. Mahomoodally, M. F., ZENGİN, G., Roumita, S.-S., Roumita, S.-S., Caprioli, G., Mustafa, A. M., **UBA, A. I.**, ... Demirci, F. (2023). Chemical Characterization and Multidirectional Biological Effects of Different Solvent Extracts of *Arum elongatum* in Vitro and in Silico Approaches. Chemistry and Biodiversity, 20(4), 1–12.
11. Kobenan, K. C., Kouadio, I. S., Kouakou, M., Silvie, P., Kouadio, K. N. B., N'goran, K. E., **UBA, A. I.**, ... & Zengin, G. (2023). In Vitro and

Molecular Docking Evaluation of Larvicidal Effects of Essential Oils of Five Aromatic Plants on the Fall Armyworm *Spodoptera frugiperda* JE. Smith (Lepidoptera: Noctuidae) from Ivory Coast. Chemistry & Biodiversity, 20(8), e202300411.

12. Mahomoodally, M. F., ZENGİN, G., Roumita, S.-S., Roumita, S.-S., Caprioli, G., Mustafa, A. M., UBA, A. I... Demirci, F. (2023). Chemical Characterization and Multidirectional Biological Effects of Different Solvent Extracts of Arum elongatum in Vitro and in Silico Approaches. Chemistry and Biodiversity, 20(4), 1–12.
13. Kljakić, A. C., Božunović, J., Gašić, U., Roumita Seebaluck-Sandoram, R., UBA, A. I., Mahomoodally, M. F., UBA, A. I ... ZENGİN, G. (2023). Chemical characterization of *Glaucosciadium cordifolium* extracts obtained by different extraction techniques and their biopharmaceutical effects. PROCESS BIOCHEMISTRY, 134(1), 141–150.
14. ZENGİN, G., Yagi, S., Kopjar, M., Ćorković, I., UBA, A. I., YILDIZTUGAY, E., ... Eid, A. H. (2023). A comparative study on chemical profiles and biological activities of different extracts of three *Verbascum* species from Turkey In vitro in silico and network pharmacological approaches. Biocatalysis and Agricultural Biotechnology, 52, 1–13.
15. Sut, S., Dall'Acqua, S., ZENGİN, G., ŞENKARDEŞ, İ., UBA, A. I., Bouyahya, A., & AKTÜMSEK, A. (2023). Novel Signposts on the Road from Natural Sources to Pharmaceutical Applications A Combinative Approach between LC-DAD-MS and Offline LC-NMR for the Biochemical Characterization of Two *Hypericum* Species *H. montbretii* and *H. origanifolium*. Plants, 12, 1–25.
16. Acquaviva, A., Cristina Di Simone, S., Nilofar, N., Bouyahya, A., ZENGİN, G., Recinella, L., UBA, A. I., ... Chiavaroli, A. (2023). Screening for Chemical Characterization and Pharmacological Properties of Different Extracts from *Nepeta italica*. Plants, 12(15), 1–17.
17. Sinan, K. I., ZENGİN, G., UBA, A. I., Caprioli, G., Angeloni, S., Vittori, S., ... Mahomoodally, M. F. (2023). Chemical characterization and biological abilities of *Anthocleista djalonensis* collected from two locations of Ivory Coast. eFoods - Wiley, 4(2), 0–0.

18. **UBA, A. I., & ZENGİN, G.** (2023). Phenolic compounds as histone deacetylase inhibitors binding propensity and interaction insights from molecular docking and dynamics simulations. *Amino Acids*, 55(5), 579–593.
19. **UBA, A. I., Paradis, N. J., Wu, C., & ZENGİN, G.** (2023). Phenolic compounds as potential adenosine deaminase inhibitors molecular docking and dynamics simulation coupled with MM-GBSA calculations. *Amino Acids*, 0–0.
20. **UBA, A. I., Bui-Linh, C., Thornton, J. M., Olivieri, M., & Wu, C.** (2023). Computational analysis of drug resistance of taxanes bound to human β -tubulin mutant D26E . *Journal of Molecular Graphics and Modelling*, 123, 1–13.
21. **UBA, A. I., & ZENGİN, G.** (2023). In the quest for histone deacetylase inhibitors current trends in the application of multilayered computational methods. *Amino Acids*, 0–0.
22. Usman, S. S., **UBA, A. I., & Christina, E.** (2023). Bacteriophage genome engineering for phage therapy to combat bacterial antimicrobial resistance as an alternative to antibiotics. *Molecular Biology Reports*, 50, 7055–7067.
23. Świątek, Ł., Sieniawska, E., Sinan, K. I., ZENGİN, G., **UBA, A. I., Bene, K., ... AKTÜMSEK, A.** (2022). Bridging the Chemical Profiles and Biological Effects of Spathodea campanulata Extracts A New Contribution on the Road from Natural Treasure to Pharmacy Shelves. *Molecules*, 27, 1–26.
24. Đorđevski, N., **UBA, A. I., ZENGİN, G., Božunović, J., Gašić, U., Ristanović, E., ... Stojković, D.** (2022). Chemical and Biological Investigations of Allium scorodoprasum L Flower Extracts. *Pharmaceuticals*, 16, 1–20.
25. **UBA, A. I., ZENGİN, G., Montesano, D., ÇAKILCIOĞLU, U., SELVİ, S., Ulusan, M. D., ... Mahoomodally, M. F.** (2022). Antioxidant and Enzyme Inhibitory Properties and HPLC MS MS Profiles of Different Extracts of *Arabis carduchorum* Boiss An Endemic Plant to Turkey. *Applied Sciences*, 12(13), 1–15.

- 26.BİRGÜL, K., Çuhadar, O., KOÇYİĞİT SEVİNÇ, S., Selen Tiryaki, S., MEGA TİBER, P., ORUN, O., UBA, A. I., ... KÜÇÜKGÜZEL, Ş. G. (2022). Synthesis and molecular modeling of MetAP2 of thiosemicarbazides 1 2 4-triazoles thioethers derived from S -Naproxen as possible breast cancer agents. *Journal of Molecular Structure*, 1259, 1–14.
- 27.ZENGİN, G., Fahmy, N. M., Sinan, K. I., UBA, A. I., Bouyahya, A., Lorenzo, J. M., ... Fayed, S. (2022). Differential Metabolomic Fingerprinting of the Crude Extracts of Three Asteraceae Species with Assessment of Their In Vitro Antioxidant and Enzyme-Inhibitory Activities Supported by In Silico Investigations. *Processes*, 10, 1–22.
- 28.Ozturk, R. B., ZENGİN, G., Sinan, K. I., Montesano, D., Zheleva-Dimitrova, D., Gevrenova, R., UBA, A. I., ... Mahomoodally, M. F. (2022). Which Extraction Solvents and Methods Are More Effective in Terms of Chemical Composition and Biological Activity of Alcea fasciculiflora from Turkey . *Molecules*, 27, 1–21.
- 29.ZENGİN, G., UBA, A. I., ÖÇAL, M., Sharifi-Rad, M., Caprioli, G., Angeloni, S., ... YILDIZTUGAY, E. (2022). Integration of in vitro and in silico approaches to assess three Astragalus species from Turkey flora A novel spotlight from lab bench to functional applications. *Food Bioscience*, 49, 1–12.
- 30.Llorent-Martínez, E. J., Ruiz-Medina, A., ZENGİN, G., Ak, G., Jugreet, S., Mahomoodally, M. F., UBA, A. I., ... Chiavaroli, A. (2022). New Biological and Chemical Evidences of Two Lamiaceae Species Thymbra capitata and Thymus sipyleus subsp rosulans In Vitro In Silico and Ex Vivo Approaches. *Molecules*, 27, 1–23.
- 31.Luca, S. V., Trifan, A., ZENGİN, G., Sinan, K. I., UBA, A. I., Korona-Głowniak, I., & Skalicka-Woźniak, K. (2022). Evaluating the phyto-complexity and poly-pharmacology of spices The case of Aframomum melegueta K Schum Zingiberaceae . *Food Bioscience*, 49, 1–16.
- 32.Zengin, G., Dall'Acqua, S., Sinan, K. I., Uba, A. I., Sut, S., Peron, G., ... & Mahomoodally, M. F. (2022). Gathering scientific evidence for a new bioactive natural ingredient: The combination between chemical profiles

- and biological activities of *Flueggea virosa* extracts. *Food Bioscience*, 49, 101967.
33. Kurt-Celep, I., Zheleva-Dimitrova, D., Gevrenova, R., **UBA, A. I.**, ZENGİN, G., YILDIZTUGAY, E., ... Montesano, D. (2022). An In-Depth Study on the Metabolite Profile and Biological Properties of *Primula auriculata* Extracts A Fascinating Sparkle on the Way from Nature to Functional Applications. *Antioxidant*, 11, 1–34.
34. Omer, H. A. A., Caprioli, G., Abouelenein, D., Mustafa, A. M., **UBA, A. I.**, Ak, G., ... Yagi, S. (2022). Phenolic Profile Antioxidant and Enzyme Inhibitory Activities of Leaves from Two Cassia and Two Senna Species. *Molecules*, 27, 1–17.
35. Babandi, A., Anosike, C. A., Ezeanyika, L. U. S., YELEKÇİ, K., & **UBA, A. I.** (2022). Molecular modeling studies of some phytoligands from *Ficus sycomorus* fraction as potential inhibitors of cytochrome CYP6P3 enzyme of *Anopheles coluzzii*. *Jordan Journal of Pharmaceutical Sciences*, 15(2), 258–275.
36. **UBA, A. I.**, & Wu, C. (2022). Identification of potential antagonists of CRF1R for possible treatment of stress and anxiety neuro-disorders using structure-based virtual screening and molecular dynamics simulation. *Computational Biology and Chemistry*, 100, 1–9.
37. **UBA, A. I.**, Aluwala, H., Liu, H., & Wu, C. (2022). Elucidation of partial activation of cannabinoid receptor type 2 and identification of potential partial agonists Molecular dynamics simulation and structure-based virtual screening. *Computational Biology and Chemistry*, 99, 1–16.
38. **UBA, A. I.**, Chea, J., Hoag, H., Hryb, M., Bui-Linh, C., & Wu, C. (2022). Binding of a positive allosteric modulator CDPPB to metabotropic glutamate receptor type 5 mGluR5 probed by all-atom molecular dynamics simulations. *Life Sciences*, 309, 1–12.
39. Adamu, R. M., Singh, R. M., & **UBA, A. I.** (2021). Structure-based Virtual Screening of Natural Compounds as Potential Anti-Allergy Agents Against Cytokine Alarms TSLP and IL-33 . *Letters in Drug Design and Discovery*, 18(9), 932–942.

40. Albayati, S., **UBA, A. I.**, & YELEKÇİ, K. (2021). Potential inhibitors of methionine aminopeptidase type II identified via structure-based pharmacophore modeling. *Molecular Diversity*, 26, 1005–1016.
41. Adamu, R. M., Singh, R. M., Ibrahim, M. A., & **UBA, A. I.** (2021). Virtual discovery of a hetero-cyclic compound from the Universal Natural Product Database UNPD36 as a potential inhibitor of interleukin-33 molecular docking and dynamic simulations. *Journal of Biomolecular Structure and Dynamics*, 40(19), 8696–8705.
42. **UBA, A. I.**, Scorese, N., Dean, E., Liu, H., & Wu, C. (2021). Activation Mechanism of Corticotrophin Releasing Factor Receptor Type 1 Elucidated Using Molecular Dynamics Simulations. *ACS Chemical Neuroscience*, 12(9), 1674–1687.
43. YILMAZ, Ö., Bayer, B., BEKÇİ, H., **UBA, A. I.**, CUMAOĞLU, A., YELEKÇİ, K., & KÜÇÜKGÜZEL, Ş. G. (2020). Synthesis Anticancer Activity on Prostate Cancer Cell Lines and Molecular Modeling Studies of Flurbiprofen-Thioether Derivatives as Potential Target of MetAP Type II . *Medicinal Chemistry*, 16, 735–749.
44. Weako, J., **UBA, A. I.**, KESKİN, Ö., GÜRSOY, A., & YELEKÇİ, K. (2020). Identification of potential inhibitors of human methionine aminopeptidase type II for cancer therapy Structure-based virtual screening ADMET prediction and molecular dynamics studies. *Computational Biology and Chemistry*, 86, 1–10.
45. **UBA, A. I.**, Radicella, C., Readmond, C., Scorese, N., Liu, H., & Wu, C. (2020). Binding of agonist WAY-267 464 and antagonist WAY-methylated to oxytocin receptor probed by all-atom molecular dynamics simulations. *Life Sciences*, 252, 1–16.
46. Birgül, K., Yıldırım, Y., Karasulu, H. Y., Karasulu, E., Uba, A. I., Yelekçi, K., **UBA, A. I.**, ... Küçükgüzel, Ş. G. (2020). Synthesis molecular modeling in nbsp vivo study and anticancer activity against prostate cancer of S -naproxen derivatives. *European Journal of Medicinal Chemistry*, 208, 1–14.
47. Usman, S. S., Dahiru, M., Abdullahi, B., Abdullahi, S. B., Maigari, U. M., & **UBA, A. I.** (2019). Status of malondialdehyde catalase and superoxide

dismutase levels activities in schoolchildren with iron deficiency and iron-deficiency anemia of Kashere and its environs in Gombe State Nigeria. *Heliyon*, 5(8), 1–7.

- 48.Han, M. İ., Bekci, H., **Uba, A. I.**, Yıldırım, Y., Karasulu, E., Cumaoğlu, A., ... Küçükgüzel, Ş. G. (2019). Synthesis molecular modeling in vivo study and anticancer activity of 1 2 4 triazole containing hydrazide hydrazones derived from S naproxen. *Archiv Der Pharmazie*, 352(6), 1–14.
- 49.**Uba, A. I.**, & Yelekçi, K. (2019). Crystallographic structure versus homology model a case study of molecular dynamics simulation of human and zebrafish histone deacetylase 10. *Journal of Biomolecular Structure and Dynamics*, 38(15), 4397–0.
- 50.Samorlu, A. S., **UBA, A. I.**, & Yelekçi, K. (2019). The design of potent HIV-1 integrase inhibitors by a combined approach of structure-based virtual screening and molecular dynamics simulation. *Journal of Biomolecular Structure and Dynamics*, 37(17), 4644–4650.
- 51.**UBA, A. I.**, & Yelekçi, K. (2019). Homology modeling of human histone deacetylase 10 and design of potential selective inhibitors. *Journal of Biomolecular Structure and Dynamics*, 37(14), 3627–3636.
- 52.**UBA, A. I.**, Weako, J., Keskin, Ö., Gürsoy, A., & Yelekçi, K. (2019). Examining the stability of binding modes of the co-crystallized inhibitors of human HDAC8 by molecular dynamics simulation. *Journal of Biomolecular Structure and Dynamics*, 38(6), 1751–1760.
- 53.**UBA, A. I.**, & Yelekçi, K. (2018). Pharmacophore-based virtual screening for identification of potential selective inhibitors of human histone deacetylase 6. *Computational Biology and Chemistry*, 77, 318–330.
- 54.**UBA, A. I.**, & Yelekçi, K. (2018). Carboxylic acid derivatives display potential selectivity for human histone deacetylase 6 Structure-based virtual screening molecular docking and dynamics simulation studies. *Computational Biology and Chemistry*, 75, 131–142.

55. **UBA, A. I., & Yelekçi, K.** (2017). Exploration of the binding pocket of histone deacetylases the design of potent and isoform-selective inhibitors. *Turkish Journal of Biology*, 41(6), 901–918.
56. **UBA, A. I., Tabakoğlu, H. Ö., Abdullahi, U. A., & Sani, M. M.** (2017). Closure of skin incision by dual wavelength 980 and 1064 nm laser application. *Journal of Cosmetic and Laser Therapy*, 19(2), 109–113.
57. **UBA, A. I., & YELEKÇİ, K.** (2017). Identification of potential isoform-selective histone deacetylase inhibitors for cancer therapy a combined approach of structure-based virtual screening ADMET prediction and molecular dynamics simulation assay. *Journal of Biomolecular Structure and Dynamics*, 36(12), 3231–3245.
58. Abdulazeez, M., Aminu, H., Ndanza, S., & **UBA, A. I.** (2016). Isolation and Characterization of a New Angiotensin-converting Enzyme Inhibitory Peptide from *Heterobronchus bidorsalis*. *Journal of Biologically Active Products From Nature*, 6(3), 237–249.
59. TABAKOĞLU, H. Ö., Sani, M. M., **UBA, A. I.,** & Abdullahi, U. A. (2015). Assessment of circular wound healing in rats after exposure to 808-nm laser pulses during specific healing phases. *Laser in Medicine and Surgery*, 48, 409–415.

Arş. Gör. Volkan YALMAN

1. Cesur, N. P., **Yalman, V.,** & Türkoğlu, N. (2021). Decellularization of tissues and organs. *Cumhuriyet Medical Journal*, 42(2), 0–0.
2. **Yalman, V.,** Çelik, E., Arslan, Ömer, Alkan, Funda, Laçın Türkoğlu, Nelisa, Şirin, H. T., ... Demirbilek, M. (2020). A study on bone tissue engineering Injectable chitosan-g-stearic acid putty. *Technology and Health Care*, 28(3), 227–239.
3. Cesur, N. P., **Yalman, V.,** & Laçın, M. T. (2020). Decellularization of cow aorta via supercritical CO₂. *Journal of Applied Biological Sciences*, 14(3), 268-280.

4. **Yalman, V., & Türkoğlu, N.** (2019). Development of humic acid and alginate-based wound dressing and evaluation on inflammation. *Materials Technology*, 34(12), 705–717.

Arş. Gör. Betül SUBAŞI

1. **Betül Baydar.** (2018) Y.L Tezi, İnsan BCL-2 Genine Ait Promotör Bölgesinin Moleküler Analizi. Atatürk Üniversitesi